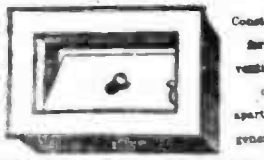
DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements



Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 11 by 8	Second size, 16 by 9
Plain Iron Valve	£ 6 0	£ 9 0
Bronzed and Leathered	7 0	10 0
Japanned, white with gold lines	11 0	16 0
Ditto with Trellis work	12 0	18 0
Brass Finish, bronzed, or enamelled	13 0	19 0
Ditto with Trellis work	15 0	22 0

Ventilators of any description made to order.

Manufactured by HARDY and PALMER, 64, 65, 66, Wych-street, Strand, London.—Post-office orders payable at Post, Strand.

VENTILATION—PURE AIR.

Sherringham's Ventilator, for the

admission of pure air through an

EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 8s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD BROTHERS, sole Manufacturers, 186, Blackfriars-road, and 117, Union-street, Borough; and of all respectable ironmongers and others, &c.

NOIRSAINS' VENTILATING GRATES

and STOVES.—A long sought for desideratum at last obtained. Great Economy in Fuel.—Entire Prevention of Smoking in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors submit the attention of the public and scientific men to the patent apparatus, the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards. A. KIDD, Agent.

WARMING by HOT WATER.—J. WEEKS

and CO., King's-road, Chelsea.—A great variety of plain and ornamental apparatuses, consisting of Pedestals and Stacks of Pipes for warming Churches, Mansions, Warehouses, Offices, Drying-rooms, Conservatories, &c. &c.—To be seen in extensive operation on our Premises at Chelsea, and also at Mr. SWEETEN'S extensive repository, Halifax-street, Hyde-park-corner.

WARMING and VENTILATION.—

D. and E. BAILEY, 378, Holborn, having had many years' experience in Warming Buildings by Hot Water, continue to erect HOT-WATER APPARATUS on the most improved principles for Mansions, Conservatories, and other Horticultural Buildings; and they also erect Conservatories, Hothouses, &c., in wood or metal. D. and E. BAILEY invite the public to an inspection of their stock of Stoves, Fenders, Fire-irons, &c., as well as a most complete and economical Portable Cooking Apparatus, or "Cottager's Stove," equally suitable for Cottages, Shooting-lodges, Yachts, or for persons emigrating.

Dr. Arnott's Ventilator Valve.

WARMING and VENTILATING.—

COTTAM and HALLEN, 2, Wimsley-street, Oxford-street, having had thirty years' experience, and having warmed by the circulation of hot water upwards of FOUR THOUSAND BUILDINGS, consisting of Churches, Prisons, Lunatic Asylums, Halls and Institutions, Libraries, Conservatories, Forcing-houses, &c., can with confidence recommend their system, which, by the various improvements they have made has PERFECTED THE CONSTRUCTION AND ECONOMIZED THE EXPENSE. Greenhouses, Conservatories, Verandahs, constructed entirely of iron or wood, and of iron and wood combined. Estimates upon application.

COTTAM and HALLEN, Engineers and Ironfounders, 2, Wimsley-street, Oxford-street, London.

GREAT EXHIBITION.—DRAWING-

ROOM GRATES and FENDERS to which the GREAT or COUNCIL MEDAL was AWARDED.

J. L. BENHAM and SONS beg to intimate that their beautiful Stoves and Fenders which were so generally admired for their artistic design and elaborate workmanship, are now on view in their EXTENSIVE SHOW-ROOMS, and respectfully invite ARCHITECTS and Others engaged in Building to inspect them there.

WARM AIR STOVES for CHURCHES, HALLS, &c. &c., simple in construction, ornamental in design, and thoroughly efficient, of various sizes and prices.

J. L. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 18, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING APPARATUS

awarded to J. L. BENHAM and SONS.

The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only 20 lbs. of coal per day. It has an open fire, is perfectly simple, and of moderate cost.

Specimens of these excellent and economical Ranges, and also of the most improved Broiling Stoves, Hot Closets, Hot Plate Ovens, &c. &c., as lately exhibited in HYDE PARK, may be inspected at the MANUFACTORY and SHOW-ROOMS, 18, WIGMORE-STREET, CAVENDISH-SQUARE. A Gas Cooking Apparatus is in daily operation.

J. L. BENHAM and SONS, Stove, Range, and Bath Manufacturers, Hot-water and Gas Engineers, &c., 18, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

STOVES, RANGES, GAS FITTINGS, &c.—

BENETFINK and COMPANY defy competition in the above articles, if durability, combined with elegance of design, is deemed to be the test of cheapness.

B. and Co. especially call the attention of Architects and Builders to their House, as they are admitted to have the largest and best selected stock of STOVES, RANGES, and GAS FITTINGS in the kingdom. Their stock contains Stephenson's Patent Register Stoves, patent hemispherical ditto, patent solar ditto, and patent pyramidal ditto; the unrivalled Derby Kitchen Ranges, and every description of cooking apparatus. As a proof of their ability to furnish the mansion or the cottager they submit the following scale of prices:—

Fine cast black Register Stoves, 2 feet wide, from 15s. to 12l.
Highly finished Drawing-room Stoves, from 6l. to 20 guineas.
Coloured Ranges, with boiler and self-acting oven, from 18l.
Improved Kitchen Ranges, with boiler, self-acting oven, and bright fittings, from 32l.
Very strong Kitchen Ranges, with self-acting oven, best wrought-iron steam boiler, bright fittings, and bright cast cocks, from 50 to 70 guineas.
Hall, water slide, gas Chandeliers, from 20s.
3 light ditto, ditto, from 2l. to 12 guineas.
NOTE THE ADDRESS—BENETFINK and COMPANY, 89 and 90, CHEAPSIDE, LONDON.

GREAT EXHIBITION PRIZES.—First Prize,

KITCHEN RANGE, with Metal of Special Approbation By Royal Letters Patent.—SIDNEY PLAVEL begs to inform the nobility, gentry, and public that he has had the honour of being chosen as the only exhibitor of Kitchen Ranges entitled to a Medal of Special Approbation. The Ranges, as shown during the Great Exhibition, may be seen daily at 33, Jermyn-street, St. James's, London; and at his Manufactory, Portland-terrace, Leamington Priors.—JOSHUA HARRISON, Manager.

THE FAMILY GAS COOKING APPARATUS

will cook a dinner for six for only one penny, with less than one bushel of coals used in a common manner. The apparatus need not be permanently fixed, but may be attached in a moment with flexible tubing, detached, and placed in a closet until wanted again. The Caloriferous Bath, heated by gas in an extraordinarily short time, and other useful and economical applications of gas-heat, may be seen at CHARLES BICKLEY'S manufactory, 9, Argyll-street, Strand, fronting Charing-cross Hospital. Cooking is fulfilled at twelve o'clock every Sunday.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRONMONGER,

BRASS FOUNDER, STOVE and RANGE MANUFACTURER, 139 and 137, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholders, Millwrights, smiths, wheelwrights, &c. at wholesale prices:—

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.	
Best Cut Clasp { 1½ 1¼ 1 ¾ ½ in. and Rose { 1s. 6d. 1s. 1s. 1s. 1s. per cwt.	
Cast Sash Weights, 4s. per cwt.; Sash Weights, 3s. per cwt.	
Sash Pulleys, 4s. per gross.	
Cast Butts, per dozen pair:—6-in. 10d.; 5½-in. 1s. 3d.; 5-in. 1s. 9d.	
Iron Rain-water { 3 in. Pipe { 10d. 1s. per yard.	
Half Round { 3 in. Gutter { 10d. 7½d. "	
O G Gutter { 4 in. 10d. 1s. "	

Air Bricks, 2s. 6d. per dozen. Hooping for Boxes, 4s. 6d. per cwt. Dr. Arnott's Ventilators, 4s. 6d. each.

3-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 23s. each.
3-ft. ditto, with Wrought Bars and Bright Fittings, 30s. each.
Register Stoves, with Double Backs, 3d. per inch.
Elliptic Stoves, with Double Backs, 2½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 2l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.

A large assortment of Rim, Mortise, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of neat and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell-pulls en suite.

Bar, Hoop, Sheet, and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade consuming ironmongery can here select whatever they require at wholesale prices.

WALMSLEY'S, 139 and 137, LONDON-ROAD, SOUTHWARK, six doors from the Obelisk.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of Ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs, 2½d. per inch, and upwards.

Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

3 ft., 2l. 16s.; 3 ft. 6 in., 2l. 5s.; 4 ft., 2l. 15s.

3-feet Cottage Ranges, with ovens and back boilers, 23s. each.

3-feet self-acting ditto, ditto, 34s. each.

Air Bricks, 3s. 3d. per doz.

14-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp.					
¾	1	2	3	4 inch and larger.	
1s. 4d.	1s.	1s.	12s. 6d.	12s.	per cwt.

Best Sheet Plate Brads, 11s. 6d. per cwt.
Best Town Glue, 30s. Ditto, Scotch, 32s. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6	
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d.	per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 139, Shoreditch.

Improved Self-acting Cottage Ranges, { 30 32 34 36 inch.
with Larger Oven and Boiler ..... { 32s. 35s. 37s. 40s.
Best self-acting Ranges, with oven and { 24 26 30 42 inch.
Back Boiler, Bright Wrought Bars ... { 24s. 26s. 30s. 42s.
Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 2½d.

Register Stoves, with Solid Bars, per inch, 3d. Best Solar ditto, with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Fires, 30s. to 100s. each.

Cast Rain-water Pipe {	2	2½	3 inch.	
	9d.	10d.	1s. per yard.	
Cast Gutters—4 inch, 6d. per yard.				
O G Gutters			4½ inch.	
			11d.	1s. per yard.
Best Cut Clasp {	1½	1¼	1	¾ inch.
and Rose {	1s. 6d.	1s.	1s. 6d.	1s. 3d. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
14-inch Cut Lath, 12s. 6d. Cast Lath, 8s. 6d.

Patent Line {	4yd.	5d.	6d.	8d. 1s. per hank.

4-inch 3-Bolt Rd. Ward Mortise, with best Furniture and Patent Spindles, 3s. each. Light Elliptic and Register Metal, 12s. per cwt.

By Arnott's Ventilators, 4s. 6d. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Glass Paper.

KITCHEN RANGES and STOVES.—

Oven and Boiler Cottage Ranges, with iron or fire-brick backs:—

18s. 6d.	20s.	22s.	25s.	34s.	38s.	50s.
20	22	24	28	36	40	52 in.
Self-acting ditto {	18s. 6d.		24s.		32s.	54s.
	27		30		40	56 in.

Universal ditto, a strong, useful, and economical range for small families; with 12 in. self-acting oven, 3 gal. boiler with brass tap, sliding plate-rack, &c. complete, 20 in. 32s. each.

BROWN and GREEN'S Patent Range is a certain cure for a smoky chimney, and is recommended for its economy and cleanliness. Price 3l. 10s. and upwards.

Kitchen Ranges of all kinds, in stock, or made to order.

Register Stoves, 16 to 20 in. wide, 54d. per in.

14 Iron Girders, and a 3-ton Weighing Machine for sale, at a low price.

Terms, cash. Delivered in London, Birmingham, &c.

Address BROWN and GREEN, Ironfounders, &c. Luton.

BRITANNIA NAIL WAREHOUSE,

55, FARRINGDON-STREET.—H. G. PIERCE supplies Builders, &c. at the following low prices:—

Fine Britannia Cut { 1¼in. 1in. 1in. 6d. 12s. 12s. per cwt.
Clasp and Rose { 1½ 1¼ 1 ¾ ½ inch.
Sheet Flooring Brads 2 inch, 9d inch, 3 inch—11s. 6d. per cwt.
Fine Cut Lath, 12s. 6d.; Cast ditto, 8s. 6d. per cwt.

Self-acting Oven and Boiler Ranges {	30in.	32in.	35in.
	32	34	36 inch.
Self-acting ditto, with Wrought Bars and Bright Fittings ..... {	34s.	36s.	42s.
	36	38	40 inch.

Strong Double Back Ellipses, 2½d. per inch; Ditto Registers, 3d. per inch.

Rain Water Pipe {	2½	3	3 inch.
	9d.	10d.	1s. per yard.
Half-round Guttering {	3	O G ditto {	11d. 1s. per yard.
	4 inch		4½ inch.

Air Bricks, 3s. 3d. per dozen. Sash Weights, 5s. per cwt.

Rim Locks, 4 inch, 7 bolt, patent spindles, 17s. 6d. per dozen. Mortise Locks, 4 and 6 inch, improved with patent spindles, 24s. per dozen.

Patent Sash Line {	3s. 6d.	7s.	8s.	10s. 6d.	per gross.
	Nos. 2	4	5	6	
Cast Butt Hinges {	10d.	1s. 3d.	1s. 9d.	per dozen.	
	2	2½	3	inch.	
Frame Pulleys {	5d.	12s.	per gross.		
	2½	12	inch.		

An extensive assortment of "China" and "Buffalo" Lock Furniture. Terms, Net Cash.

FULKE'S IRONMONGERY and STOVE WAREHOUSE,

84 and 85, Park-street, Camden-town.

Elliptic-stoves, double backs, 3½d. 3½d. and 3d. per inch.
Register ditto ditto 4½d. 5d. and 7d. per inch.
Cast lath nails, 1s. 3d. per cwt. Cut ditto, 12s. 3d. per cwt.
Cut clasp nails, 1½ in. 1s.; 1¼ in. 12s. 6d.; 1 in. 12s. per cwt.
Sash cords, 6d. per cwt.
All descriptions of stoves, ranges, locks, rain-water-pipes, and ironmongery, cash-lists, at equally low prices.

TO BUILDERS, CARPENTERS, &c.—

The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance, or a respectable London reference.

	3	3½	4	Inches
Cast Butts	3s. 3d.	7s. 6d.	11s.	per 6 dozen
Cut Clasp	3d.	7d.	1s. 4d.	per Lath
	4d.	8d.	1od.	2nd.
Nos.	2	4	6	
Patent Line	3s. 6d.	7s.	8s.	10s. 6d. per gross
	2	3½	5	Inches.
Rain Pipe	8½d.	10½d.	1s. 1d.	per yard.

NAILS and IRONMONGERY,

from BIRMINGHAM direct.

Builders, Contractors, and others, supplied with Nails, Iron, and Ironmongery of every description, at the

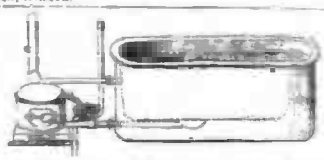
LOWEST BIRMINGHAM PRICES,

a complete LIST of which will be forwarded upon application.

FREDERICK BLYTH,
Nail Manufacturer and General Factor,
Edmund-street, BIRMINGHAM;
or, at 17, Gresham-street West, LONDON.

PATENT WROUGHT NAILS.—These Nails

are submitted to the notice of Builders, Contractors, and Ship-builders, as being superior to any others, and cheaper. They have the toughness of the best hand-made nails, with far greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used; being perfectly chisel-pointed, they require no boring, and will drive into the hardest wood without splitting it, and their heads, being very strong, do not fly off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the warehouses of the agents, HIGGS and GEORGE, Wholesale Ironmongers, Borough, London.



BATHS.—J. TYLOR and SON'S

REGISTERED APPARATUS, consisting of Copper or Galvanized Iron Bath (Japanned in imitation of Wood or Marble) fixed in Frame complete, with Copper Circulating Boiler and Cock, with Index-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 2d. for fuel. Price 16 guineas.—Apply to the Ironmongers and Plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co.

St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keep a large stock of Rain Pipes, Heads, Shoes, Elbows, &c. 3d. round and O G Gutters, Socket Pipes for Water or Gas, Flange Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, either complete, to be had in sets of parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

RAIN-WATER PIPES, O G and Half-round

Gutters, Sash Weights, Railing Bars, Air Bricks, &c.

J. JONES has the largest stock in London of the above and other castings, of the very best quality. Also, cast-iron pipes for water, or drainage; bends, bows, &c.; flange and socket pipes, with all the usual connections and turn-pots and return cocks for mains, pot-grounds, &c. &c.—J. JONES, IRON BRIDGE WHARF, No. 6, BANKSIDE, LONDON, near the Southwark Iron Bridge.

COLLINGE'S PATENT HINGES.—Sole

Manufacturer, CHARLES COLLINGE and Co., 6, and 46, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gate and door of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Hasing and door-closing spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent mangle-irons, sugar-mills, &c.

FOUNDRY AND IRON WORKS,

98, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornaments, Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipe Wheels, Pinions, Lathes, and Steam-engines; Range and Hot-plate Metal. An improved Heat Door adapted for Internal work.

A large stock of Rain-water Pipes, Plain and O G Gutters, Air-bricks, Sash Weights, Air-light Sewer Grates, Stable Fittings, Hardware, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of Iron-work for Architectural purposes, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,
168, DRURY-LANE, and CHARLES-STREET.

CHURCH and TURRET BELLS

cast to any weight, and tuned. Ship, plantation, house, sheep, cup, and clock bells of any size.

MUSICAL HAND BELLS

Tuned to the chromatic scale, with improved clappers, and peeled on a new system, which gives a superior tone and facility for ringing.

Memorial Brasses, Pulpit Lights, and Brackets, &c.

Old Bells repaired or taken in exchange.

J. WARNER & SONS,
BELL FOUNDERS,
ENGINEERS, &c.

CHURCH BELLS of the highest quality of tone

and finish, at 1s. per lb. Peals of bells recast and augmented. House bells, with turned edges and wrought-iron clappers, at 1od. per lb. Cracks at proportionately reduced prices.—Apply to BARRETT and OSBORNE, Bishopsgate Foundry, Shannel-street, London.

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